

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
17 March 2005 (17.03.2005)

PCT

(10) International Publication Number
WO 2005/024261 A1

(51) International Patent Classification⁷: **F16D 23/08**

(21) International Application Number:
PCT/GB2004/003794

(22) International Filing Date:
6 September 2004 (06.09.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0320703.2 4 September 2003 (04.09.2003) GB

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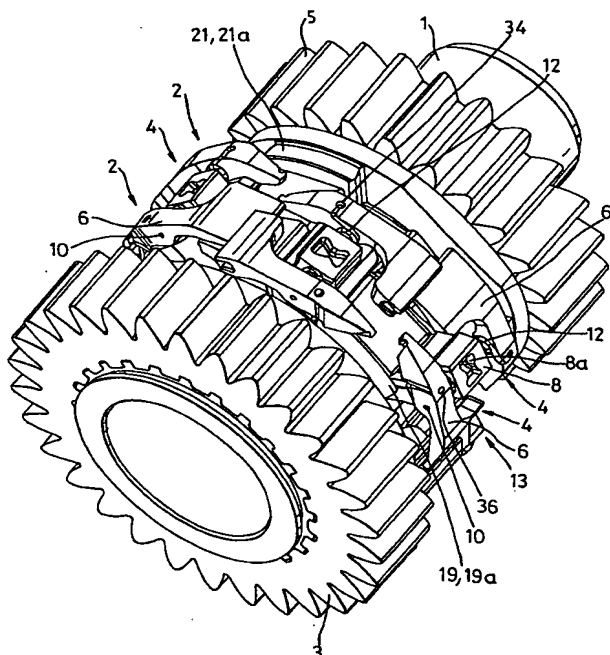
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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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(54) Title: **COUPLING DEVICE FOR COUPLING ROTATABLE BODIES AND TRANSMISSION SYSTEM INCLUDING A COUPLING DEVICE**



(57) Abstract: A coupling device including first and second rotatable bodies (1, 3), a plurality of engagement members (27, 28) for selectively coupling the first and second rotatable bodies together to transfer drive between the rotatable bodies, and a guard device (2) for preventing the engagement members from coupling the rotatable bodies in certain predetermined operational conditions that include certain relative rotational positions of the rotatable bodies. The coupling device can be used in transmission systems. For example, such a transmission system can include first and second drive shafts (1, 7), first and second gear sets (15, 17) mounted on the shafts for transferring drive between the shafts, each gear set including a first gear wheel (3, 5) mounted on the first shaft for rotation relative to the first shaft said first gear wheel having a plurality of drive formations (19, 21), and a second gear (9, 11) mounted on the second shaft for rotation with the second shaft, selector means (13) for selectively transferring drive between the first shaft and either the first or second gear set including a plurality of engagement members (28, 30) for engaging the drive formations, and a guard device (2, 102, 202, 302) for preventing the engagement members from engaging the drive formations in certain predetermined operational conditions that include certain relative rotational positions of the drive formations and the

engagement members.



Published:

— with international search report

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